Data Sheet
Fujitsu CELVIN® NAS Server Q802
Preliminary data sheet

Powerful 4-Drive NAS Solution

The FUJITSU CELVIN® NAS Server line is an all-in-one, high performance NAS server line. The CELVIN® NAS Server Q802 is the ideal solution for file sharing, end to end backup options and SAN (Storage Area Network) integration for SMB customers - enabling centralized data management at a reasonable price.

Business Server Feature
- Multifunctional business server features bridges the worlds of SAN and NAS, enables cross-platform file sharing between Windows, Mac or Linux and support virtualization applications

Backup Management
- Comprehensive backup features to manage the challenge of data growth on physical and virtual machines in heterogene environments. Ease of use offsite replications, data backup to cloud or external storage devices and support for third party software makes the difference

Multimedia Features
- Streaming of media files via iTunes, Twonky Media
- Comprehensive download features with BitTorrent Clienet

Reliability
- Service-friendly cabinet
- 3-years spare part supply
- Country-specific warranty
- Top-up services are available

CELVIN® NAS Server Q802
Preliminary data sheet

Technical specifications

	Firmware based on 3.5.x Processor: Intel® Atom™ D2700 2.13GHz Memory: 1 GB DDRIII RAM 512 MB Flash on DOM FAN: 1 x quiet cooling fan (9cm) Intel® 82574L NIC x2 Gigabit LAN
Hard disk capacity	Up to 4 x 2.5-inch or 3.5-inch SATA I/II/SATA 6Gb/s HDD
Required interface	RJ45
LED	USB Status HDD 1 -4 LAN Power
System controls	Power button, One-touch copy button, Alarm Buzzer (System Warning), Reset Button, Display mode button
Color	Black housing, copper colored trays

Software specification

Network protocols	
Networking	TCP/IP (IPv4 /IPv6 dual stack), multi IP setting,LACP, Port trunking /NIC teaming: Balance-rr (Round-Robin), Active Backup, Balance XOR, Broadcast, IEEE 802.3ad, Balance-tlb (Adaptive, Transmit Load Balancing), Balance-alb (Adaptive Load Balancing) DHCP client, DHCP server including PXE boot CIFS/SMB, AFP/Netatalk2.2, NFS v3, HTTP, HTTPS, FTP,SFTP(admin), DDNS, NTP, Telnet, SSH, iSCSI, SNMP,WebDAV Dual Gigabit w/ Jumbo Frame, Bonjour iSCSI initiator for virtual disks (max 8 disks); stack chaining master Virtual disk support for EXT3/ EXT4/ NTFS/ FAT32/ HFS+ Support for VMware VSphere (ESX / ESXi 4.0) via NFS and iSCSI Windows Server 2008 support (Hyper-V & failover clustering) iSCSI target (with multi-LUNs per target) iSCSI LUN online expansion LUN mapping / LUN masking SCSI Primary Commands -3 (SPC-3) support / persistent reservation MC/S (multiple TCP connections / session) support to reach iSCSI target MPIO (multipath input output) for load balancing and failover VLAN 802.1Q USB WiFi-Adapter support IEEE 802.11b/g/n WEP, WPA-personal (AES/TKIP), WPA2-personal (AES) Connection to wireless network or Ad Hoc network
Backup Management	Client backup software Time machine backup (OSX Lion support) 3rd party backup software support Encrypted block-level remote replication (instant, scheduled backup management); synchronization mode/Rsync Real-time remote replication (RTRR protocol) for real-time backup of server & client, 3 sync modes, filter, policy definition, SSL protected Backup to Cloud Backup to (encryptable) USB/eSATA storage devices LUN backup and restore LUN point-in-time snapshot (1x)

Software specification

File System Management	Network share management '(max. 512 shares) Share folder level ACL support Unicode support Journaling file system Web File Manager Google Docs support (pdf,tif/tiff,ppt,doc,xls,pptx,docx,xlsx,svg,odt)
Disk Management	Disk usage status management; HDD S.M.A.R.T.; Bad blocks scan RAID 0/1/5/5+HS/10/6, JBOD, single disk Online RAID capacity expansion; online RAID-level migration RAID recovery, Bitmap support
User Management	User quota management Windows Active Directory support, max. 10k users LDAP directory service supports Open LDAP, max. 10k domain users User account management (max. 4096users) User group management (max. 512 groups) Shared folders (max. 512) Concurrent connections (max. 256) Support batch creating users User Import/ Export for Multiple CELVIN NAS Deployment Subfolder Permission (File/Directory ACL) Microsoft Networking (Samba) Host Access Control (Domain/IP)
Radius Server	Support for 802.1x security authentication: PAP , EAP-TLS/PAP, EAP-TTLS/PAP (WPA-Enterprise, WPA2-Enterprise) max. 10 RADIUS clients, max. 4096 users
Event Logs	Complete system logs (file level): system events management, connection logs, current connection of on-line users Centralized monitoring / syslog server (TCP / UDP)
Multilingual GUI Support	Primary languages: English, German, Czech, Danish, Spanish, French, Italian, Norwegian, Polish, Russian, Finish, Swedish, Dutch, Turkish, further languages available via GUI
FTP Server	FTP remote access (max. 256 concurrent connections) FTP with SSL/ TLS (explicit) mode FTP bandwidth control and connection control Passive FTP port range control FXP support TFTP server (PXE boot)
Printer Server	USB printer network sharing (Windows / Mac) Internet printing protocol, printer management, Apple Bonjour printing
Web Server	Built-in editable php.ini, SQLite and MySQL
MySQL Server	MySQL database server
Surveillance Station	4 x IP cameras for network surveillance IP camera finder software and configuration
Media Server	UPnP/DLNA Twonky Media iTunes server DLNA support for Xbox360 and PS3 Multimedia station features
Download Station	BitTorrent (FTP/ HTTP scheduled download) Support of TCP/ UDP tracker protocol, distributed hash table/DHT Up to 500 BT download tasks Download configuration / download status list RSS download manager, subscription to RSS feeds, RSS download Multiple URLs in one task
Audio: line-in / microphone	

Interfaces

USB	Front side: x1 ; rear side: x2 (Device class: Printer, mass storage, hub, UPS, pen-drive)
USB 3.0 total	Rear side: x2
eSATA	2 x (rear / SATA)

Supported formats

Video formats	(Media Server): wmv, asf, vdr, avi, xvid, divx, flv, mpg, mpe, mts, m2ts, m2t, mpeg, spts, m2p, m2v, mp2t, mp2p, mpg2, dvr-ms
Subtitle formats	(Media Server): m3u, m3u8, wpl, pls
Music formats	(Media Server): mp3, mp4, m4a, m4b, 3gp, apl, ac3, m1v, m4v, mov, aac, amr, awb, wav, pcm, lpcm, mp1, mp2, aif, aiff, aifc, snd, wma, ogg, flac; Internet Radio (Media Server): vTuner, Shoutcast
Picture formats	Media Server): jpg, jpe, jpeg, tiff, tif, gif, png, bmp
Supported file system	EXT4 (internal/external HDD) NTFS (external HDD) FAT32 (external HDD) EXT3 (internal/external HDD) HFS+ (externel HDD)

Electrical Values

Power supply input	Internal power supply 250W 50-60Hz Input: 100-240V AC

Compliance

Europe	CE
USA/Canada	FCC Class A

Dimensions / Weight / Environmental

Dimensions (W x D x H)	180 x 235 x 177 mm
Weight	Net weight: 3.65 kg, Gross weight: 4.65 kg; Package incl. System w/o HDD: 5,75 kg
Operating ambient temperature	0 - 40°C
Required interface	RJ45
Software support (Operating system)	Genuine Windows® XP Genuine Windows® Server 2003 Genuine Windows Vista® Genuine Windows® 7 Mac OS X Linux UNIX
Required network	Ethernet

Package Contents

CELVIN NAS Server Q802; Power Cord, CD, LAN cable, Key for tray lock, trays, Quick Start Guide, Service flyer

Order Information

S26341-F103-L802	CELVIN NAS Q802 without Hard Disk
S26341-F103-L861	CELVIN Q802 4x1TB
S26341-F103-L862	CELVIN Q802 4x2TB
S26341-F103-L863	CELVIN Q802 4x3TB
S26341-F103-L823	CELVIN Q802 2x3TB
S26341-F103-L872	CELVIN Q802 4x2TB Business Critical
S26341-F103-L882	CELVIN Q802 4x2TB International
S26341-F103-L883	CELVIN Q802 4x3TB International

More information

Fujitsu platform solutions

In addition to Fujitsu CELVIN® NAS Server Q802 Preliminary data sheet, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructureas-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products
www.fujitsu.com/global/services/computing/

Software
www.fujitsu.com/software/

More information

Learn more about Fujitsu CELVIN® NAS Server Q802
Preliminary data sheet, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://www.fujitsu.com/fts/products/computing/pc/accessories/storage/

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT.
Please find further information at http://www.fujitsu.com/global/about/environment/

Copyrights

All rights reserved, including intellectual property rights. Technical data subject to modifications and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded.
Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.
For further information see http://ts.fujitsu.com/terms_of_use.html
Copyright © Fujitsu Technology Solutions

Disclaimer

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner

Contact
FUJITSU Technology Solutions
Website: http://ts.fujitsu.com
2012-03-02 CE-EN

All rights reserved, including intellectual property rights. Technical data subject to modifications and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded.
Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.
For further information see http://ts.fujitsu.com/terms_of_use.html
Copyright © Fujitsu Technology Solutions